

L Number	Hits	Search Text	DB	Time stamp
1	576	403/274.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/26 13:05
2	28	403/274.ccls. and swag\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/26 13:05
3	5	("2105119" "2376397" "2976562" "2987752" "3924317").PN.	USPAT	2004/08/26 13:08
4	1	4263707.URPN.	USPAT	2004/08/26 13:08
-	1116	29/517.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 09:53
-	109	29/517.ccls. and swag\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 11:45
-	250	29/432.1.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/23 13:37
-	898	29/505.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/23 13:37
-	168	29/505.ccls. and (groove or channel)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/23 14:00
-	102	29/508.ccls. and (groove or channel)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/23 14:27
-	48	29/510.ccls. and (groove or channel)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/23 14:33
-	3	29/510.ccls. and (collar same swag\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/23 14:33
-	3	29/505.ccls. and (collar same swag\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/23 14:34
-	8	29/508.ccls. and (collar same swag\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/23 14:35
-	11	29/520.ccls. and (collar same swag\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/23 14:36
-	189	29/520.ccls. and (groove or channel)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/23 14:48
-	156	29/521.ccls. and (groove or channel)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/23 14:48
-	108	(rod same (groove or channel)) and (collar same swag\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 10:01

-	1585	29/525.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 10:04
-	415	29/525.ccls. and (groove or channel)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 10:01
-	27	(29/525.ccls. and (groove or channel)) and swag\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 10:01
-	112	29/525.08.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 10:08
-	1496	29/523.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 10:13
-	109	29/523.ccls. and swag\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 10:08
-	37	29/443.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 10:13
-	15	29/235.ccls. and swag\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 10:20
-	15	29/235.ccls. and swag\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 10:21
-	11	29/450.ccls. and swag\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 10:21
-	6	("3149860" "3375026" "3498648" "3528689" "3893718" "4061367").PN.	USPAT	2004/08/24 10:26
-	9	4598938.URPN.	USPAT	2004/08/24 10:27
-	8	("1254161" "1459778" "2052616" "3189672" "3261909" "3325061" "3464412" "3503542").PN.	USPAT	2004/08/24 10:29
-	13	3577850.URPN.	USPAT	2004/08/24 10:30
-	3	("3052276" "3455140" "3514843").PN.	USPAT	2004/08/24 10:34
-	18	3792603.URPN.	USPAT	2004/08/24 10:34
-	3	3115797.URPN.	USPAT	2004/08/24 10:37
-	8	("3038626" "3073205" "3149530" "3292482" "3302510" "4012984" "4044591" "4089249").PN.	USPAT	2004/08/24 10:37
-	1	4219924.URPN.	USPAT	2004/08/24 10:39
-	4265	swag\$3 and die	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 10:56
-	1787	(swag\$3 and die) and (groove or channel)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 10:56
-	213	((swag\$3 and die) and (groove or channel)) and protrusion	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 10:42
-	2362	swag\$3 same die	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 10:56

-	879	(swag\$3 same die) and (groove or channel)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 11:14
-	109	29/517.ccls. and swag\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 11:15
-	51	29/517.ccls. and (swag\$3 same die)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 11:16
-	10	29/432.1.ccls. and (swag\$3 same die)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 11:17
-	8	29/505.ccls. and (swag\$3 same die)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 11:17
-	17	29/508.ccls. and (swag\$3 same die)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 11:18
-	1	29/510.ccls. and (swag\$3 same die)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 11:18
-	18	29/520.ccls. and (swag\$3 same die)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 11:20
-	11	29/521.ccls. and (swag\$3 same die)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 11:20
-	15	("2335414" "2394351" "2862732" "3112940" "3290069" "3474519" "3726122" "3787080" "3805567" "3921281" "3970336" "5080406" "5452921" "5544406" "5592726").PN.	USPAT	2004/08/24 11:22
-	3	("3125806" "4392678" "5080406").PN.	USPAT	2004/08/24 11:24
-	2	5544406.URPN.	USPAT	2004/08/24 11:24
-	2	5544406.URPN.	USPAT	2004/08/24 11:32
-	70	29/516.ccls. and swag\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 11:45
-	36	29/516.ccls. and swag\$4 and die	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 11:47
-	12	29/512.ccls. and swag\$4 and die	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 11:48
-	14	29/515.ccls. and swag\$4 and die	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 11:49
-	18	29/521.ccls. and swag\$4 and die	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 11:49
-	219	72/360.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 13:52

-	106	470/197.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/24 13:53
-	1	2408793.URPN.	USPAT	2004/08/24 14:09
-	3	2756444.URPN.	USPAT	2004/08/24 14:09
-	2	3513683.URPN.	USPAT	2004/08/24 14:09
-	0	29/505.ccls	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/25 10:42
-	898	29/505.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/25 10:43
-	143	29/505.ccls. and die	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/25 10:54
-	14	29/506.ccls. and die	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/25 10:54
-	55	29/508.ccls. and die	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/25 11:03
-	21	29/510.ccls. and die	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/25 11:04
-	59	29/515.ccls. and die	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/25 11:15
-	143	29/517.ccls. and die	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/25 13:13
-	34	("1196524" "1693839" "1797691" "1823158" "2663270" "2701733" "2880021" "3274671" "3496800" "3623442" "3762042" "3786695" "4012967" "4146340" "4218156" "4295389" "4317355" "4399682" "4497866" "4523872" "4602892" "4667530" "4684284" "4700446" "4714262" "4763922" "4787771" "4901426" "4953894" "4967584" "4970887" "4993864" "5026254" "5072655").PN.	USPAT	2004/08/25 11:26
-	5	5606790.URPN.	USPAT	2004/08/25 11:29
-	136	29/520.ccls. and die	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/25 13:13
-	5	("2318326" "3098022" "3125147" "3186466" "3408730").PN.	USPAT	2004/08/25 13:23
-	2	3680195.URPN.	USPAT	2004/08/25 13:23
-	11	("1784755" "3800401" "3877133" "3918625" "3958389" "4389766" "4496052" "4528739" "4555838" "4557651" "4637766").PN.	USPAT	2004/08/25 13:24
-	0	296/515.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/25 13:38
-	367	29/515.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/25 13:51

-	1116	29/517.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/25 13:51
-	606	29/516.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/25 14:12
-	1116	29/517.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/25 14:14
-	21	("0546314" "1307537" "1307637" "1762766" "2319024" "2341629" "2437933" "3017203" "3125806" "3556567" "3834743" "4114930" "4214358" "4392678" "4585255" "4629221" "4650228" "4805944" "4844516" "5031301" "5080406").PN.	USPAT	2004/08/25 15:41
-	18	("1169642" "1291388" "1322250" "1703037" "1797691" "1995616" "3068563" "3142262" "3187644" "3633467" "3689112" "3741077" "3896707" "3930437" "3984904" "4519300" "4546692" "4791712").PN.	USPAT	2004/08/25 15:41
-	7	2852843.URPN.	USPAT	2004/08/25 15:42
-	3	("3052276" "3455140" "3514843").PN.	USPAT	2004/08/26 09:52
-	18	3792603.URPN.	USPAT	2004/08/26 09:53
-	158	72/474.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/26 13:05